

Notice of Allowability

Application No.

09/600,364

Examiner

Van Kim T. Nguyen

Applicant(s)

ZELLERHOFF, THOMAS

Art Unit

2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to July 31, 2004.
2. ☒ The allowed claim(s) is/are 1-3 and 5-17.
3. ☒ The drawings filed on 14 July 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date August 31, 2004.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.


KENNETH VANDERPUYE
PRIMARY EXAMINER

DETAILED ACTION

This Office Action is responsive to communications filed on July 31, 2004.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicant's Representative, Mark Bergner on August 31, 2004.

Claim 15 as currently presented is an improper multiple dependent claim, depending on both independent claim 1 and 14 and not in an alternative format.

The application has been amended as follows:

Claim 15: Replace the phrase "the method of claim 1" on lines 3-4 with the method recited in claim 1 so claim 15 is read as follows:

15. An ATM transmission system according to claim 14, wherein said sender sends said digital data of said parallel data channels supplied to said sender, to said receiver according to the method *for the transmission of data in said ATM transmission system, comprising the steps of:*

supplying digital data of a specific plurality of data channels parallel to an input side of a sender;

converting said digital data into data units that respectively comprise an identical plurality of bits from each of said data channels; serially transmitting individual said data units

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in a form of cells that are respectively composed of a specific plurality of said data units, each cell having a specific, characteristic bit sequence;

receiving, by a receiver said serially transmitted data units;

monitoring, by said receiver, said received data units for an occurrence of said characteristic bit sequence and, after identifying said characteristic bit sequence, identifying a first data unit of a cell corresponding to said characteristic bit sequence; and

successively dividing, beginning with said first data unit of said cell corresponding to said characteristic bit sequence, individual bits of each said data unit of said corresponding cell onto a plurality of parallel data channels of an output side of said receiver corresponding in number to said plurality of data channels of said input side of said sender and said bits of each said data unit are output parallel via corresponding said data channels of said output side, wherein all bits other than said most-significant bit of said characteristic bit sequence are the same for each cell, and are output at said receiver via said parallel data channels of said output side.

Allowable Subject Matter

Claims 1-3, and 5-17 are allowed.

See previous Office Action for Reason for Allowance.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Van Kim T. Nguyen whose telephone number is 703-305-7692. The examiner can normally be reached on 8:00 AM - 4:30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Olms can be reached on 703-305-4703. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

vkn



KENNETH VANDERPUYE
PRIMARY EXAMINER